

FORM PTO-1449		ATTY. DOCKET NO. 0942.4020003/BJD/JKM	APPLICATION NO. 10/668,168
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		FIRST NAMED INVENTOR Evans, K.	FILING DATE September 24, 2003
		ART UNIT 4653	1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN1	EP 1 104 769 A2	06/06/2001	Europe			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER <i>E. S.</i>	DATE CONSIDERED <i>11/7/05</i>
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FORM PTO-1449

ATTY. DOCKET NO.
0942.4020003/BJD/JKM
FIRST NAMED INVENTOR
Evans, K.APPLICATION NO.
10/668,168SECOND SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENTFILING DATE
September 24, 2003ART UNIT
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
ES	AC1	5,777,079	07/07/1998	Tsien <i>et al.</i>	—	—	11/20/1996
ES	AD1	5,804,387	09/08/1998	Cormack <i>et al.</i>	—	—	01/31/1997
ES	AE1	5,968,738	10/19/1999	Anderson <i>et al.</i>	—	—	12/06/1996
ES	AF1	5,994,077	11/30/1999	Valdivia <i>et al.</i>	—	—	09/10/1997
ES	AG1	6,027,881	02/22/2000	Pavlakakis <i>et al.</i>	—	—	05/08/1996
ES	AH1	6,054,321	04/25/2000	Tsien <i>et al.</i>	—	—	08/15/1997
ES	AI1	6,066,476	05/23/2000	Tsien <i>et al.</i>	—	—	11/20/1996
ES	AJ1	6,077,707	06/20/2000	Tsien <i>et al.</i>	—	—	11/19/1997
ES	AK1	6,124,128	09/26/2000	Tsien <i>et al.</i>	—	—	08/30/1996

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
ES	AO1	WO 96/23810 A1	08/08/1996	WIPO	—	—	Yes No
ES	AP1	WO 01/98338 A2	12/27/2001	WIPO	—	—	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
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ES	AT	8	Tsien, R.Y., "The Green Fluorescent Protein," <i>Annu. Rev. Biochem.</i> 67:509-544, Annual Reviews (July 1998)

EXAMINER

E. J. J.

DATE CONSIDERED

11/7/05

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4020003/BJD/JKM	APPLICATION NO. 10/668,168
	FIRST NAMED INVENTOR Evans, K.	
	FILING DATE September 24, 2003	ART UNIT 4653 <i>1052</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>EJ</i>	AA2	6,146,826	11/14/2000	Chalfie <i>et al.</i>	—	—	06/18/1996
<i>EJ</i>	AB2	6,172,188	01/09/2001	Thastrup <i>et al.</i>	—	—	03/17/1997
<i>EJ</i>	AC2	6,319,669	11/20/2001	Tsien <i>et al.</i>	—	—	03/20/1997
<i>EJ</i>	AD2	6,403,374 B1	06/11/2002	Tsien <i>et al.</i>	—	—	12/16/1999
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FOREIGN PATENT DOCUMENTS

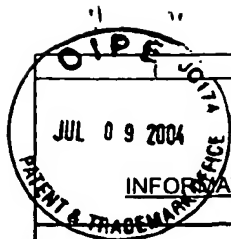
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	WO 02/085936 A2	10/31/2002	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER <i>EJ, EJ</i>	DATE CONSIDERED <i>11/7/05</i>
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10/668,168FIRST NAMED INVENTOR
Evans, K.FILING DATE
September 24, 2003ART UNIT
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
ES	AA1	5,491,084	02/13/1996	Chalfie <i>et al.</i>	—	—	09/10/1993
ES	AB1	5,625,048	04/29/1997	Tsien <i>et al.</i>	—	—	11/10/1994
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
ES	AL1	WO 97/11094	03/27/1997	WIPO	—	—	Yes No
ES	AM1	WO 98/14605	04/09/1998	WIPO	—	—	Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

ES	AR	1	Chalfie, M., <i>et al.</i> , "Green Fluorescent Protein as a Marker for Gene Expression," <i>Science</i> 263:802-805, American Association for the Advancement of Science (1994)
ES	AS	1	Clontech, Inc., "Living Colors™ Enhanced GFP Vectors," <i>CLONTECHniques</i> , p. 2-3, BD Biosciences (April 1996)
ES	AT	1	Cody, C.W., <i>et al.</i> , "Chemical Structure of the Hexapeptide Chromophore of the <i>Aequorea</i> Green-Fluorescent Protein," <i>Biochem.</i> 32:1212-1218, American Chemical Society (1993)

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DATE CONSIDERED

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

20	AR	2	Cormack, B. and Falkow, S., "Isolation of FACS-Optimized Variants of Green Fluorescent Protein," <i>CLONTECHniques</i> , p. 21, BD Biosciences (April 1996)
20	AS	2	Cormack, B.P., <i>et al.</i> , "FACS-optimized mutants of the green fluorescent protein (GFP)," <i>Gene</i> 173:33-38, Elsevier Science B.V. (July 1996)
20	AT	2	Crameri, A., <i>et al.</i> , "Improved Green Fluorescent Protein by Molecular Evolution Using DNA Shuffling," <i>Nat. Biotechnol.</i> 14:315-319, Nature America Publishing (March 1996)

EXAMINER E. J.	DATE CONSIDERED 1/7/05
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	3	Delagrave, S., et al., "Red-Shifted Excitation Mutants of the Green Fluorescent Protein," <i>Bio/Tech.</i> 13:151-154, Nature Publishing Co. (February 1995)
	AS	3	Ehrig, T., et al., "Green-fluorescent protein mutants with altered fluorescence excitation spectra," <i>FEBS Lett.</i> 367:163-166, Federation of European Biochemical Societies (June 1995)
	AT	3	Evans, K., et al., "pGreen Lantern™-1, A Superior Green Fluorescent Protein Mammalian Cell Transfection Reporter," <i>Focus</i> 18:40-43, Life Technologies (July 1996)

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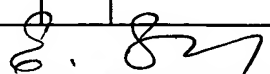
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Heim, R., <i>et al.</i> , "Wavelength mutations and posttranslational autooxidation of green fluorescent protein," <i>Proc. Natl. Acad. Sci. USA</i> 91:12501-12504, National Academy of Sciences (1994)
	AS	4	Heim, R., <i>et al.</i> , "Improved green fluorescence," <i>Nature</i> 373:663-664, Macmillan Publishing Co. (February 1995)
	AT	4	Heim, R. and Tsien, R.Y., "Engineering green fluorescent protein for improved brightness, longer wavelengths and fluorescence resonance energy transfer," <i>Curr. Biol.</i> 6:178-182, Current Biology Ltd. (February 1996)

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DATE CONSIDERED

11/7/03




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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Marshall, J., et al., "The Jellyfish Green Fluorescent Protein: A New Tool for Studying Ion Channel Expression and Function," <i>Neuron</i> 14:211-215, Cell Press (February 1995)
	AS	<u>5</u>	Misteli, T. and Spector, D.L., "Applications of the green fluorescent protein in cell biology and biotechnology," <i>Nat. Biotechnol.</i> 15:961-964, Nature America Publishing (October 1997)
	AT	<u>5</u>	Ormö, M., et al., "Crystal Structure of the <i>Aequorea victoria</i> Green Fluorescent Protein," <i>Science</i> 273:1392-1395, American Association for the Advancement of Science (September 1996)

EXAMINER 	DATE CONSIDERED 1/7/05
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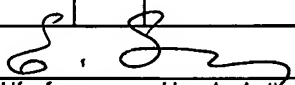
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4020003/BJD/JKM	APPLICATION NO. 10/668,168
	FIRST NAMED INVENTOR Evans, K.	
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Palm, G.J., et al., "The structural basis for spectral variations in green fluorescent protein," <i>Nat. Struct. Biol.</i> 4:361-365, Nature Publishing Co. (May 1997)
	AS	6	Prasher, D.C., et al., "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein," <i>Gene</i> 111:229-233, Elsevier Science Publishers B.V. (1992)
	AT	6	Rizzuto, R., et al., "Double labelling of subcellular structures with organelle-targeted GFP mutants <i>In vivo</i> ," <i>Curr. Biol.</i> 6:183-188, Current Biology Ltd. (February 1996)

EXAMINER 	DATE CONSIDERED <i>1/7/05</i>
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	FIRST NAMED INVENTOR Evans, K.	
	FILING DATE September 24, 2003	ART UNIT 1663 <i>1652</i>

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ES</i>	AR	Z	Wang, S. and Hazelrigg, T., "Implications for <i>bcd</i> mRNA localization from spatial distribution of <i>exu</i> protein in <i>Drosophila</i> oogenesis," <i>Nature</i> 369:400-403, Macmillan Publishing Co. (1994)
<i>ES</i>	AS	Z	Ward, W.W. and Cormier, M.J., "Energy Transfer via Protein-Protein Interaction in <i>Renilla</i> Bioluminescence," <i>Photochem. & Photobiol.</i> 27:389-396, Pergamon Press (1978)
<i>ES</i>	AT	Z	Yang, F., <i>et al.</i> , "The molecular structure of green fluorescent protein," <i>Nat. Biotechnol.</i> 14:1246-1251, Nature America Publishing (October 1996)

EXAMINER <i>E. S.</i>	DATE CONSIDERED <i>1/7/05</i>
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10/668,168FIRST NAMED INVENTOR
Evans, K.FILING DATE
September 24, 2003ART UNIT
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

ES	AR	8	Yokoe, H. and Meyer, T., "Spatial dynamics of GFP-tagged proteins investigated by local fluorescence enhancement," <i>Nat. Biotechnol.</i> 14:1252-1256, Nature America Publishing (October 1996)
ES	AS	8	Zolotukhin, S., <i>et al.</i> , "A 'Humanized' Green Fluorescent Protein cDNA Adapted for High-Level Expression in Mammalian Cells," <i>J. Virol.</i> 70:4646-4654, American Society for Microbiology (July 1996)
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